

WHAT IS CLAIMED IS

1. The method of controlling external system parameter--which by using of a standard controlling procedure and a non-standard controlling procedure, wherein

The non-standard controlling procedure is a special defined controlling

- 5 procedure which links to a standard defined cable and the cable is connected to an external machine and an external connection box device, wherein the external machine is also connected with an external systems, wherein

The controlling method is under a compatible environment, the system

connected with a specific software program by using of the software to operate

- 10 and make the non-standard controlling procedure of non-cable agreement to generate the specified information, wherein

The specific message of non-standard controlling procedure can be identified by

the external machine correspondingly; and the normal message of standard

procedure and the specific message are transferred by the same cable, wherein

- 15 Under a condition of the external machine makes no affection to external connection box device; the software program of the system will transfer and accept the specific message transferred from the cable, wherein

The external machine will transfer and receive the specific message to be

become into a reading stage and to an isolation stage between the cable and

external connection box device; the external machine only provides the cable to transfer the specific information, and to be accessing for monitoring the external system parameters.

2. The invention of claim 1 wherein said the method of controlling external system

5 parameter, of its non-standard procedure of the system is a controlling procedure defined by non standard side-band protocol; of its operation by the software program to the specific sequences generated from non-standard controlling procedure only can be identified by the external machine; the external machine transfers and receives the specific message to enter into a reading stag, of the
10 machine only provides the cable to transfer the defined sequences to make the machine can preset or read the defined message transferred from the cable, and to be accessing for monitoring the external system parameters.

3. A method and device of controlling external system parameters using ATA side band mainly includes:

15 A system within standard controlling procedure and non-standard controlling procedure; the software program operates the standard controlling procedure and non-standard controlling procedure to make the relevant temporary store device for acting and generating normal and specific message to be transferred by the same cable, wherein

Of one end of the cable connected with a external machine and a external connection box device, for the external machine can identify the specified the message transferred from the cable but the external connection box device only can identify the normal message transferred from the cable; all of message transferred into the cable will transfer to the external machine and external connection box device, wherein

As the external machine receives the specific message transferred from the cable will generate a signal to make a cut-off stage in external connection box device and the cable, wherein

As the external machine receiving the specific message to be processing in reading and preset operation used by the cable to transfer the message to connect with the temporary store device of external machine to make the specific message to be monitored, or executing the acting of external system parameters.

4. The invention of claim 1 therein said the method of controlling external system parameter, of the interface of the external machine can be hardware or software or ASIC or FPGA for receiving the specific message transferred from the cable.
5. The invention of claim 3 therein said the method of controlling external system parameter, of the interface of the external machine can be hardware or software or ASIC or FPGA for receiving the specific message transferred from the cable.

6. The invention of claim 2 therein said the method of controlling external system parameter, of the interface of the external machine can be hardware or software or ASIC or FPGA for receiving the specific sequences transferred from the cable.
7. The invention of claim 3 therein said the method of controlling external system parameter, of the interface of the external machine can be hardware or software or ASIC or FPGA for receiving the specific sequences transferred from the cable.
8. The invention of claim 2 therein said the method of controlling external system parameter, of the external machine connected with a separator; for the separator allocated between the cable and external connection box device, as the external receiving the specific message or sequences for the separator will cut-off the cable in transferring message to make the cable and external connection box device in a suspending stage.
9. The invention of claim 3 therein said the method of controlling external system parameter, of the external machine connected with a separator; for the separator allocated between the cable and external connection box device, as the external receiving the specific message or sequences for the separator will cut-off the cable in transferring message to make the cable and external connection box device in a suspending stage.